

has been noted by other observers. . . . Whether we can separate the eastern *C. maculata* from the western is a question for serious consideration. That there is a difference between them, nobody who has made a careful study of the subject will deny, but if a geographical demarcation can be made which will show that the two forms occupy distinct or practically distinct ranges I would favor specific differentiation."

There is a variety, *C. maculata* var. *flavida* (*C. multiflora flavida* Waters, Plant World, Nov., 1903) in which the plant is light yellow and the lip lacks the purple spots. Three years later Suksdorf described an apparently analogous form (*C. multiflora* v. *sulphurea*) from the northwest.

According to the present rules, if the western plant is considered a distinct species it will stand as *C. grabhami*; but if a subspecies only, it will be *C. maculata occidentalis* (*C. multiflora occidentalis* Lindl., Gen. and Sp. Orch., 534; 1840.).

T. D. A. COCKERELL

## REVIEWS

### Wild Flower Preserves \*

*Billerica.*—This number is called "The North Shore, Illinois Edition," and includes parts of Chicago and its adjacent towns. The title page gives a picture of *Cypripedium hirsutum*, with the statement beneath it that "The yellow lady's slipper is happiest in the wild. Don't dig it or pick it, or you will lose it altogether." With this auspicious introduction, the director states that "the whole tendency of the days that have passed in the development and maintenance of public parks and most private estates, has been to destroy natural conditions and the native wild flowers, and to substitute turf and exotic plants in their place." He also believes that "what we need are more reservations that are not parks from the gardener's point of view, but those in which the existing wild flower, shrub, and tree growth will be saved and helped to develop the greatest beauty by judicious thinning, transplanting, seeding and fertilizing as the nature-lover, with a

\* By Warren H. Manning, *Billerica*, 4: 3, No. 6, November, 1915.

full knowledge of all the material with which he is dealing, can undertake."

A very interesting article by Georgia Douglas Clarke in the same number gives an account of the "Wild Flowers of the North Shore" and the sand-dunes below Waukegan on Lake Michigan telling of the charming flora of this region.

Everett L. Millard tells of a "*Municipal Wild Flower Preserve*" in Highland Park, also one of the suburbs of Chicago, stating that "the park commissioners plan not only to encourage the growth of the native flora in this beauty spot, but also to protect it as a wild flower preserve. It is hoped that next spring, when harmful picking would begin again, the experiment will make good, and the region become a sanctuary for the oppressed rarities of the native flora." E. G. BRITTON

#### McFarland's My Growing Garden\*

A very useful book on the making of a garden spot from an old and practically abandoned property has been written by Mr. McFarland, one of the chief horticultural printers and publishers in this country. As a record, largely and confessedly personal, of the joys and sorrow of planting; of breathless expectation and final achievement, the book will delight those who have passed through, or are in the throes of a similar enterprise. Many practical hints and schemes for planting are outlined, but the author does not fail to enlarge on that feeling for gardeners and gardening which has filled English literature with delightful reading from James Thomson to our own time.

N. T.

#### NEWS ITEMS

Plans for an elaborate rose garden have been outlined in a recent number of the *Journal* of the New York Botanical Garden. Many horticultural forms as well as wild species of roses will be grown in the garden, work on which has already started.

Joseph Rubinger, Assistant State Botanist, has been granted eight months' leave of absence, beginning October 1, which he

\* McFarland, J. H. *My Growing Garden*, pp. 1-216, plates 1-36, five in color. The Macmillan Co., 1915. Price \$2.00.